THE ENERGY DOCTOR®
TED
BATTERY EXPERTS

TECHNICAL DATA SHEET

STABILIZER IP65-SERIES



- Three-phase voltage regulator with high protection grade.
- Pure sine wave output.
- Wide AC input voltage range 242V-520V.
- Isolated manual bypass switch.
- Full Protection: over / under voltage, overload, overheat, buzzer alarm.
- 3 Digital displays: input / output voltage, load current, possible errors and more.
- Selectable delay time: 6 / 180 seconds.
- 4 wheels for easy transportation.

SPECIFICATIONS					
Model	TNS-45kVA	TNS-60kVA	TNS-75kVA	TNS-80kVA	TNS-100kVA
Product Code	TED007483	TED007490	TED007506	TED007513	TED007520
Power / W	36kW	48kW	60kW	64kW	80kW
INPUT					
Phase	Three-Phase				
Voltage	AC 242V-520V				
Frequency	50Hz/60Hz				
Efficiency AC-AC	0.96				
OUTPUT					
Voltage	AC 400V+/- 3%				
Frequency (Inverter Mode)	50Hz/60Hz				
Power Factor	0.8				
GENERAL CHARACTERISTICS					
Control Type	Servo Motor Type				
Protection	Over / Under voltage, Overload, Overheat, Short circuit MCB, Bypass function				
Display	LCD				
Coil Material	Pure Copper and Aluminum				
Noise Level	≤50dB				
Operate Temperature	-10°C to +40°C				
Humidity	≤ 20% to 90% RH, no condensation				
IPXX	IP 65 outdoor design cabinet				
PACKING INFORMATION					
Net Weight (kg)	175 kg	185 kg	205 kg	210 kg	275 kg
Gross Weight (kg)	185 kg	195 kg	215 kg	220 kg	285 kg
Quantity in each carton	1	1	1	1	1
Box Dimensions (mm)	730x580x1290	830x612x1530	830x810x1527	830x817x1525	880x845x1675
Product Dimensions (mm)	670x505x1080	770x545x1340	770x745x1335	770x745x1330	820x775x1480